

*dc*

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/531,751  
Source: PCR  
Date Processed by STIC: 6/30/06

***ENTERED***



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006

TIME: 08:40:19

Input Set : A:\Nov05.TXT  
 Output Set: N:\CRF4\06302006\J531751.raw

3 <110> APPLICANT: ARES TRADING S.A.  
 5 <120> TITLE OF INVENTION: Alpha Macroglobin Family Members  
 7 <130> FILE REFERENCE: P032079WO  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/531,751  
 C--> 10 <141> CURRENT FILING DATE: 2005-04-18  
 12 <150> PRIOR APPLICATION NUMBER: GB0224116.4  
 13 <151> PRIOR FILING DATE: 2002-10-16  
 15 <160> NUMBER OF SEQ ID NOS: 140  
 17 <170> SOFTWARE: SeqWin99, version 1.02  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 157  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 24 <400> SEQUENCE: 1  
 25 gttcctcagg ccagatctga cccactggca tttattacat tttctgctaa aggagccact 60  
 26 ctcAACCTGG aagagaggag atctgtggca atcagatcca gagagaatgt ggtcttcgta 120  
 27 cagactgata aacccaccta caagcctgga cagaaag 157  
 29 <210> SEQ ID NO: 2  
 30 <211> LENGTH: 53  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Homo sapiens  
 34 <400> SEQUENCE: 2  
 35 Val Pro Gln Ala Arg Ser Asp Pro Leu Ala Phe Ile Thr Phe Ser Ala  
 36 1 5 10 15  
 38 Lys Gly Ala Thr Leu Asn Leu Glu Glu Arg Arg Ser Val Ala Ile Arg  
 39 20 25 30  
 41 Ser Arg Glu Asn Val Val Phe Val Gln Thr Asp Lys Pro Thr Tyr Lys  
 42 35 40 45  
 44 Pro Gly Gln Lys Val  
 45 50  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 56  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Homo sapiens  
 52 <400> SEQUENCE: 3  
 53 ttcatatatatt aacattatttt ttatTTTAT ttcagtatcc agtgatcacc cttcag 56  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 18  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Homo sapiens  
 60 <400> SEQUENCE: 4  
 61 His Ile Leu Thr Leu Phe Leu Phe Leu Phe Gln Tyr Pro Val Ile Thr  
 62 1 5 10 15

RAW SEQUENCE LISTING DATE: 06/30/2006  
 PATENT APPLICATION: US/10/531,751 TIME: 08:40:19

Input Set : A:\Nov05.TXT  
 Output Set: N:\CRF4\06302006\J531751.raw

64 Leu Gln  
 67 <210> SEQ ID NO: 5  
 68 <211> LENGTH: 169  
 69 <212> TYPE: DNA  
 70 <213> ORGANISM: Homo sapiens  
 72 <400> SEQUENCE: 5  
 73 gatcctcaaa acaatcgat tttcaaagg caaaatgtga cttcttccg aaatattacc 60  
 74 caactctcgat tccaactgat ttcaagaacca atgttggag attactggat tggtgtgaaa 120  
 75 agaaaactcaa gggagacagt gacacaccaa tttgctgtta aaagatatg 169  
 77 <210> SEQ ID NO: 6  
 78 <211> LENGTH: 57  
 79 <212> TYPE: PRT  
 80 <213> ORGANISM: Homo sapiens  
 82 <400> SEQUENCE: 6  
 83 Asp Pro Gln Asn Asn Arg Ile Phe Gln Arg Gln Asn Val Thr Ser Phe  
 84 1 5 10 15  
 86 Arg Asn Ile Thr Gln Leu Ser Phe Gln Leu Ile Ser Glu Pro Met Phe  
 87 20 25 30  
 89 Gly Asp Tyr Trp Ile Val Val Lys Arg Asn Ser Arg Glu Thr Val Thr  
 90 35 40 45  
 92 His Gln Phe Ala Val Lys Arg Tyr Val  
 93 50 55  
 95 <210> SEQ ID NO: 7  
 96 <211> LENGTH: 85  
 97 <212> TYPE: DNA  
 98 <213> ORGANISM: Homo sapiens  
 100 <400> SEQUENCE: 7  
 101 tgctgccccaa gtttgaagtt acagtcaatg caccacaaac agtaactatt tcagatgtg 60  
 102 aattccaagt ggatgtatgt gctaa 85  
 104 <210> SEQ ID NO: 8  
 105 <211> LENGTH: 28  
 106 <212> TYPE: PRT  
 107 <213> ORGANISM: Homo sapiens  
 109 <400> SEQUENCE: 8  
 110 Leu Pro Lys Phe Glu Val Thr Val Asn Ala Pro Gln Thr Val Thr Ile  
 111 1 5 10 15  
 113 Ser Asp Asp Glu Phe Gln Val Asp Val Cys Ala Lys  
 114 20 25  
 116 <210> SEQ ID NO: 9  
 117 <211> LENGTH: 118  
 118 <212> TYPE: DNA  
 119 <213> ORGANISM: Homo sapiens  
 121 <400> SEQUENCE: 9  
 122 gtacaacttt ggccaaacctg tgcaagggga aacccaaatc cgggtgtgca gagagtattt 60  
 123 ttcttcaagc aatttgaga aaaaatgaaaaa tgaaatatgt gagcaattta ttgcacag 118  
 125 <210> SEQ ID NO: 10  
 126 <211> LENGTH: 39  
 127 <212> TYPE: PRT  
 128 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006  
TIME: 08:40:19

Input Set : A:\Nov05.TXT  
Output Set: N:\CRF4\06302006\J531751.raw

130 <400> SEQUENCE: 10  
131 Tyr Asn Phe Gly Gln Pro Val Gln Gly Glu Thr Gln Ile Arg Val Cys  
132 1 5 10 15  
134 Arg Glu Tyr Phe Ser Ser Ser Asn Cys Glu Lys Asn Glu Asn Glu Ile  
135 20 25 30  
137 Cys Glu Gln Phe Ile Ala Gln  
138 35  
140 <210> SEQ ID NO: 11  
141 <211> LENGTH: 112  
142 <212> TYPE: DNA  
143 <213> ORGANISM: Homo sapiens  
145 <400> SEQUENCE: 11  
146 ttggaaaatg gttgtttc tcaaattgt aatac aaaag tcttccaact ctaccgttcg 60  
147 ggattgtca tgacattca tgtcgctgt aattttacag aatctggac ag 112  
149 <210> SEQ ID NO: 12  
150 <211> LENGTH: 38  
151 <212> TYPE: PRT  
152 <213> ORGANISM: Homo sapiens  
154 <400> SEQUENCE: 12  
155 Leu Glu Asn Gly Cys Val Ser Gln Ile Val Asn Thr Lys Val Phe Gln  
156 1 5 10 15  
158 Leu Tyr Arg Ser Gly Leu Phe Met Thr Phe His Val Ala Val Ile Val  
159 20 25 30  
161 Thr Glu Ser Gly Thr Val  
162 35  
164 <210> SEQ ID NO: 13  
165 <211> LENGTH: 110  
166 <212> TYPE: DNA  
167 <213> ORGANISM: Homo sapiens  
169 <400> SEQUENCE: 13  
170 ttatgcagat cagcgagaag acctcagttt ttatcactca attgcttgg aactgtaaact 60  
171 ttgagaacat ggatacattc tatagaagag ggatttctta ttttggaaact 110  
173 <210> SEQ ID NO: 14  
174 <211> LENGTH: 36  
175 <212> TYPE: PRT  
176 <213> ORGANISM: Homo sapiens  
178 <400> SEQUENCE: 14  
179 Met Gln Ile Ser Glu Lys Thr Ser Val Phe Ile Thr Gln Leu Leu Gly  
180 1 5 10 15  
182 Thr Val Asn Phe Glu Asn Met Asp Thr Phe Tyr Arg Arg Gly Ile Ser  
183 20 25 30  
185 Tyr Phe Gly Thr  
186 35  
188 <210> SEQ ID NO: 15  
189 <211> LENGTH: 159  
190 <212> TYPE: DNA  
191 <213> ORGANISM: Homo sapiens  
193 <400> SEQUENCE: 15  
194 cttaaatttt cggatccaa taatgtacct atggtaaca agttgttgc actggagctc 60

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006  
TIME: 08:40:19

Input Set : A:\Nov05.TXT  
Output Set: N:\CRF4\06302006\J531751.raw

195 aatgatgaat ttatagaaaa ttacactacg gatgagaatg gcgaagctca atttccatt 120  
196 gacacttcag acatatttga tccagagttc aacctaaaa 159  
198 <210> SEQ ID NO: 16  
199 <211> LENGTH: 53  
200 <212> TYPE: PRT  
201 <213> ORGANISM: Homo sapiens  
203 <400> SEQUENCE: 16  
204 Leu Lys Phe Ser Asp Pro Asn Asn Val Pro Met Val Asn Lys Leu Leu  
205 1 5 10 15  
207 Gln Leu Glu Leu Asn Asp Glu Phe Ile Gly Asn Tyr Thr Asp Glu  
208 20 25 30  
210 Asn Gly Glu Ala Gln Phe Ser Ile Asp Thr Ser Asp Ile Phe Asp Pro  
211 35 40 45  
213 Glu Phe Asn Leu Lys  
214 50  
216 <210> SEQ ID NO: 17  
217 <211> LENGTH: 228  
218 <212> TYPE: DNA  
219 <213> ORGANISM: Homo sapiens  
221 <400> SEQUENCE: 17  
222 gccacatata ttcgacactga gagctgctat cttcccagct gggtgacgcc tcagtaacttg 60  
223 gatgctcact tcttagtctc acgctttac tcccaacca acagcttctt gaagattgtt 120  
224 ccagaaccaa agcagcttga atgtaatcaa cagaagggttgg ttaactgtgca ttactcccta 180  
225 aacagtgaag catatgagga tgattccaaat gtaaaaggttct tctatttg 228  
227 <210> SEQ ID NO: 18  
228 <211> LENGTH: 76  
229 <212> TYPE: PRT  
230 <213> ORGANISM: Homo sapiens  
232 <400> SEQUENCE: 18  
233 Ala Thr Tyr Val Arg Pro Glu Ser Cys Tyr Leu Pro Ser Trp Leu Thr  
234 1 5 10 15  
236 Pro Gln Tyr Leu Asp Ala His Phe Leu Val Ser Arg Phe Tyr Ser Arg  
237 20 25 30  
239 Thr Asn Ser Phe Leu Lys Ile Val Pro Glu Pro Lys Gln Leu Glu Cys  
240 35 40 45  
242 Asn Gln Gln Lys Val Val Thr Val His Tyr Ser Leu Asn Ser Glu Ala  
243 50 55 60  
245 Tyr Glu Asp Asp Ser Asn Val Lys Phe Phe Tyr Leu  
246 65 70 75  
248 <210> SEQ ID NO: 19  
249 <211> LENGTH: 55  
250 <212> TYPE: DNA  
251 <213> ORGANISM: Homo sapiens  
253 <400> SEQUENCE: 19  
254 atgatggtaa aaggagctat cttaactcagt ggacaaaagg aaatcagaaa caaag 55  
256 <210> SEQ ID NO: 20  
257 <211> LENGTH: 19  
258 <212> TYPE: PRT  
259 <213> ORGANISM: Homo sapiens



**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006

TIME: 08:40:20

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date